

Converting Colors

XYZ(53.5932, 51.1631, 97.9065)

Have a look what the booklet for
XYZ(53.5932, 51.1631, 97.9065)
contains.

XYZ(53.6091, 51.0698, 98.2987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.6091, 51.0698,
98.2987)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B8FB
RGB	181, 184, 251
RGB Percent	71%, 72%, 98%
CMY	0.2902, 0.2784, 0.0157
CMYK	0.28, 0.27, 0.00, 0.02
HSL	237°, 90%, 85%
HSV	237°, 28%, 98%
XYZ	53.6091, 51.0698, 98.2987
YIQ	190.7410, -23.2950, 20.2010

Conversions

Conversions Part 2

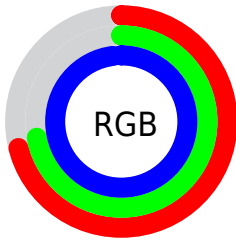
Format	Color
RYB	181, 184, 251
Decimal	11909371
CIELab	76.72, 13.45, -33.43
CIELCh	77, 36.038, 291.920
Yxy	51.0698, 0.2641, 0.2516
Android (android.graphics.Color)	4290099451 (0xFFB5B8FB)
YUV	190.7410, 29.7077, -8.5429
Hunter-Lab	71.4631, 8.8439, -31.5302

Details

The XYZ color **53.6091, 51.0698, 98.2987** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.6923, 90.9806, 56.9731**, and the grayscale version is **49.2159, 51.7789, 56.3872**.

A 20% lighter version of the original color is **84.4700, 87.7173, 107.0868**, and **26.4581, 24.5633, 54.3856** is the 20% darker color. If you saturate the color by 10%, you get **43.6716, 39.1580, 96.5241**, and if you desaturate by 10%, it is **65.4577, 65.2270, 100.4077**.

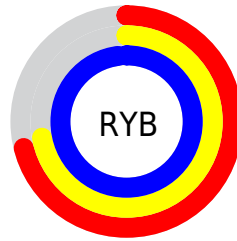
Distribution



Red (71%)

Green (72%)

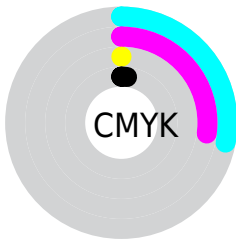
Blue (98%)



Red (71%)

Yellow (72%)

Blue (98%)

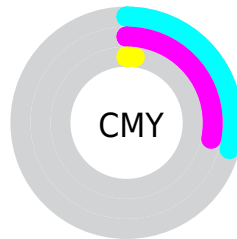


Cyan (28%)

Magenta (27%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (28%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6091, 51.0698, 98.2987 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.6091, 51.0698, 98.2987 by changing the saturation by 10% instead.

■ 53.6091, 51.0698,
98.2987

■ 53.6091, 51.0698,
98.2987

390.8403,
390.8349, 575.9243

■ 38.5187, 36.2642,
74.2715

■ 94.6603, 91.7579,
160.8487

■ 26.5645, 24.6383,
54.5182

121.3518,
118.4092, 200.2085

■ 17.3813, 15.8078,
38.6201

152.6410,
149.7779, 245.5164

■ 10.6037, 9.3882,
26.1588

188.8933,
186.2482, 297.1908

■ 5.8664, 4.9953,
16.7156

230.4740,
228.2047, 355.6502

■ 2.8039, 2.2445,
9.8721

277.7485,

■ 1.0509, 0.7441,

276.0317, 421.3132

5.2098

331.0822,
330.1137, 494.5984

■ 0.0000, 0.0000,
2.3100

■ 0.0000, 0.0000,
0.7368

■ 53.6091, 51.0698,
98.2987

■ 53.6091, 51.0698,
98.2987

■ 43.6716, 39.1580,
96.5241

■ 65.4577, 65.2270,
100.4077

■ 35.5402, 29.3705,
95.0635

■ 79.3046, 81.7304,
102.8634

■ 29.1080, 21.5844,
93.8997

■ 94.4127, 99.7451,
105.5443

■ 24.2543, 15.6612,
93.0122

■ 20.8428, 11.4453,
92.3782

■ 18.7141, 8.7553,
91.9712

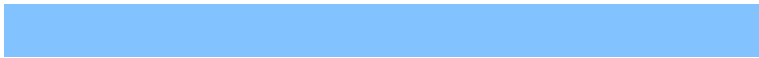
■ 17.6620, 7.3650,
91.7583

■ 17.5297, 7.1990,
91.7333

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.7179, 51.0698, 101.7676



53.6091, 51.0698, 98.2987



59.6274, 51.0698, 82.1748

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.6091, 51.0698, 98.2987



57.0978, 51.0698, 30.9467



36.6658, 51.0698, 50.4862

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.6091, 51.0698, 98.2987



81.6923, 90.9806, 56.9731

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.9205, 51.0698, 35.4876



53.6091, 51.0698, 98.2987



50.4095, 51.0698, 26.0653

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.6091, 51.0698, 98.2987



61.7695, 51.0698, 42.7159



43.8015, 51.0698, 27.5063



37.3492, 51.0698, 70.8597

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.6091, 51.0698, 98.2987



62.1235, 51.0698, 68.1129



43.8015, 51.0698, 27.5063



37.0971, 51.0698, 44.7328

Sweetspot

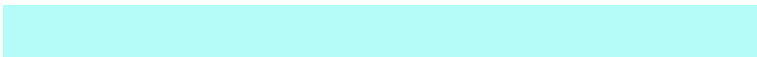
The Sweet Spot groups the original color and five complimentary colors.



53.6108, 51.0718, 98.2999



82.0234, 84.5029, 106.5953



70.4202, 85.5655, 101.2059



17.0655, 17.5025, 22.7288



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.6108, 51.0718, 98.2999



50.0365, 46.3103, 100.9093



61.2336, 54.0859, 98.4799



16.3427, 16.7622, 21.7594



9.2406, 3.8367, 48.2271



0.8762, 0.3960, 4.4734

Inverse Universe

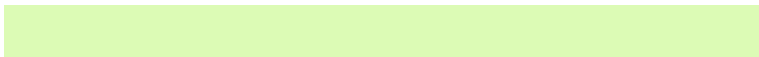
The Inverse Universe completely reimagines the original color for something new.



64.9607, 57.0193, 52.9315



63.4593, 53.4031, 47.2418



72.2030, 87.4694, 56.7955



17.2748, 17.2373, 18.0367



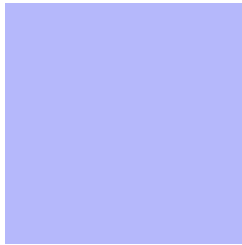
20.9562, 10.7982, 1.2121



1.9512, 1.0042, 0.1663

Previews

White Background



This preview shows how the XYZ color 53.6091, 51.0698, 98.2987 looks on a white background.

Color Contrast Check

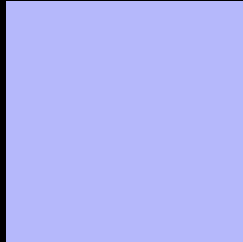
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.6091, 51.0698, 98.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

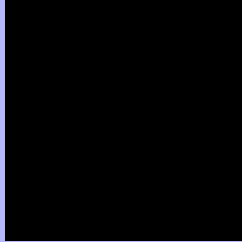
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6091, 51.0698, 98.2987

Background



This preview shows how black text looks on a background with the XYZ color 53.6091, 51.0698, 98.2987.



This preview shows how white text looks on a background with the XYZ color 53.6091, 51.0698,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.6091, 51.0698, 98.2987

Protanopia

52.0775, 51.1785, 100.0622

Deuteranopia

52.4271, 51.0815, 98.3633



Tritanopia

47.1254, 50.9749, 66.3869

Trichromacy



Original Color

53.6091, 51.0698, 98.2987

Protanomaly

52.5852, 51.1448, 99.1958

Deuteranomaly

52.8930, 51.0101, 98.3250

Tritanomaly

49.1961, 50.8369, 77.0316

Monochromacy



Original Color

53.6091, 51.0698, 98.2987

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.4870, 51.3353, 70.1985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6091, 51.0698, 98.2987 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(181, 184, 251)` looks like.

```
.text, #text, p{  
    color:rgb(181, 184, 251)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(181, 184, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 184, 251) }
```

Border

The CSS property to change the border of an element to XYZ 53.6091, 51.0698, 98.2987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 184, 251) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(181, 184, 251) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(181, 184, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 184, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 184, 251);  
box-shadow:4px 4px 4px 4px rgb(181, 184,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6091, 51.0698, 98.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 184, 251) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(181,  
184, 251) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor